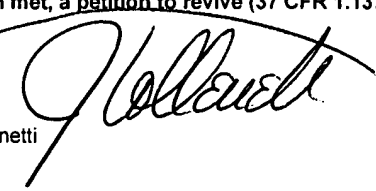


FORM PTO-1390		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371			044117-0143
			U.S. APPLIC. NO. (if known, see 37 CFR 1.5) Not yet assigned 0/539771
INTERNATIONAL APPLICATION NO PCT/CA/01996	INTERNATIONAL FILING DATE December 19, 2003	PRIORITY DATE CLAIMED December 20, 2002	
TITLE OF INVENTION METHOD AND SENSOR FOR DETECTING A CHEMICAL SUBSTANCE USING AN OPTICALLY ANISOTROPIC MATERIAL			
APPLICANTS FOR DO/EO/US Éric PINET, Gaétan DUPLAIN			
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:			
1.	<input checked="" type="checkbox"/>	This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.	
2.	<input type="checkbox"/>	This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.	
3.	<input type="checkbox"/>	This express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.	
4.	<input checked="" type="checkbox"/>	The US has been elected (Article 31).	
5.	<input checked="" type="checkbox"/>	A copy of the International Application as filed (35 U.S.C. 371(c)(2))	
		a. <input checked="" type="checkbox"/> is attached herewith (required only if not transmitted by the International Bureau).	
		b. <input type="checkbox"/> has been communicated by the International Bureau.	
		c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)	
6.	<input checked="" type="checkbox"/>	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).	
7.	<input checked="" type="checkbox"/>	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))	
		a. <input type="checkbox"/> are attached hereto (required only if not transmitted by the International Bureau).	
		b. <input type="checkbox"/> have been communicated by the International Bureau.	
		c. <input type="checkbox"/> have not been made; however, the time limit for making such amendment has NOT expired.	
		d. <input checked="" type="checkbox"/> have not been made and will not be made.	
8.	<input type="checkbox"/>	An English translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).	
9.	<input checked="" type="checkbox"/>	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).	
10.	<input type="checkbox"/>	An English translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).	
Items 11. to 16. below concern other document(s) or information included:			
11.	<input checked="" type="checkbox"/>	An Information Disclosure Statement under 37 CFR 1.97 and 1.98.	
12.	<input checked="" type="checkbox"/>	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.	
13.	<input type="checkbox"/>	A preliminary amendment.	
14.	<input type="checkbox"/>	An Application Data Sheet under 37 CFR 1.76.	
15.	<input type="checkbox"/>	A substitute specification.	
16.	<input type="checkbox"/>	A power of attorney and/or change of address letter.	
17.	<input checked="" type="checkbox"/>	Form PCT/ISA/210	
18.	<input checked="" type="checkbox"/>	Front page of the published International Application	
19.	<input checked="" type="checkbox"/>	Form PCT/RO/101	
20.	<input checked="" type="checkbox"/>	Other items or information. Forms PCT/IB/301, 304	

U.S. APPLIC. NO.: (if known, see 37 CFR 1.50) Not yet assigned		INTERNATIONAL APPLICATION NO. PCT/CA/01996		ATTORNEY'S DOCKET NUMBER 044117-0143	
				CALCULATIONS	PTO USE ONLY
21. <input checked="" type="checkbox"/> The following fees are submitted:					
<input checked="" type="checkbox"/> Basic National Stage Fee		\$300		\$300.00	
22. <input checked="" type="checkbox"/> Examination Fee					
If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)		\$100		\$200.00	
All other situations		\$200			
23. <input checked="" type="checkbox"/> Search Fee					
Search fee (37 CFR 1.445(1)(2)) has been paid on the international application to the USPTO as an International Searching Authority		\$100		\$400.00	
International Search Report prepared and provided to the Office		\$400			
All other situations		\$500			
TOTAL OF 21, 22 and 23 =				\$900.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.				\$	
Total Sheets	Extra Sheets	Number of each additional 50 or fraction Thereof (round up to a whole number)	RATE		
96-100	/50=		X\$250	\$	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total Claims	202-20 =	182	x \$50.00	\$9100.00	
Independent Claims	6-3 =	3	x \$200.00	\$600.00	
Multiple dependent claim(s) (if applicable)			+ \$360.00	\$	
TOTAL OF ABOVE CALCULATIONS =				\$10600.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.				\$	
SUBTOTAL =				\$	
Processing fee of \$130.00 for furnishing the English translation later than the 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				+	\$130.00
TOTAL NATIONAL FEE =					
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+	\$
TOTAL FEES ENCLOSED =				\$10730.00	
				Amount to be refunded	\$
				Amount to be charged	\$10730.00
<p>a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.</p> <p>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>500417</u> in the amount of \$ <u>10730.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>500417</u>. A duplicate copy of this sheet is enclosed.</p> <p>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p> <p>SEND ALL CORRESPONDENCE TO: Customer Number 20277 Telephone: 202.756.8000 Facsimile: 202.756.8087</p> <div style="text-align: right;"> SIGNATURE  Judith L. Toffenetti NAME 39,048 REGISTRATION NUMBER </div>					